

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(light (receiv\$5 or inciden\$5) (surface or plane)) and (light emit\$5 (surface or plane)) and (flexible circuit board) and (point light sources) and (flexible (compound or filler))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:40
S2	1	(light emit\$5 (surface or plane)) and (flexible circuit board) and (point light sources) and (flexible (compound or filler))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 23:27
S3	1	(flexible circuit board) and (point light sources) and (flexible (compound or filler))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 23:19
S4	10	cleaver-mark-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:44
S5	9	("5607227"   "5820246"   "6183104"   "6354714"   "6361186"   "6517224"   "6530164"   "6676284"   "6874924").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/04 17:37
S6	0	("6948828").URPN.	USPAT	NEAR	ON	2005/11/04 17:40
S7	812068	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:46
S8	963	S7 and (flex\$6 circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:48
S9	125	flexible with ((rod like) with ((illuminat\$6 device or apparatus) or lamp or light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 22:39
S10	2	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:51

## EAST Search History

S11	149432	flexible with (((illuminat\$6 device or apparatus) or lamp or light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:53
S12	381	S7 and S8 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:53
S13	7529586	(((illuminat\$6 device or apparatus) or lamp or light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:01
S14	872	S7 and S8 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:54
S15	643724	(polyurethane or silicone or silicone rubber) or (flexible compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:17
S16	180	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 17:57
S17	1	S13 and flexibel and ((rod like) or rope)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:03
S18	65	S13 and flexibel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:04
S19	839	S13 and flexible and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:05

Application  
Number Submit

## IDS Flag Clearance for Application 10771714

IDS  
Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2007-06-13	77	Y <input checked="" type="checkbox"/>	2007-08-09 13:22:17.0	hsawhney
WIDS	2007-06-04	71	Y <input checked="" type="checkbox"/>	2007-08-09 13:23:54.0	HSawhney
WIDS	2007-06-04	70	Y <input checked="" type="checkbox"/>	2007-08-09 13:19:34.0	hsawhney
WIDS	2006-06-29	51	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
WIDS	2006-04-03	47	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
WIDS	2005-06-03	28	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
WIDS	2004-12-13	21	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
WIDS	2004-05-19	16	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
WIDS	2004-05-13	15	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
Update					

## EAST Search History

S20	836	S13 and flexible and S8 and (circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:18
S21	139	S13 and flexible and S8 and (circuit board) and (rope or rod)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:06
S22	18	("20020027778"   "20020027780"   "20020071276"   "20030090910"   "5155669"   "5485355"   "5552971"   "5711594"   "5871271"   "5879069"   "5911493"   "6082867"   "6179440"   "6379190"   "6394623"   "6394626"   "6406166"   "6580228").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/04 18:10
S23	0	("6846094").URPN.	USPAT	NEAR	ON	2005/11/04 18:12
S24	15	("3931887"   "4020337"   "4107767"   "4521839"   "4607317"   "4665470"   "4812956"   "4885664"   "5057981"   "5074251"   "5882742"   "5934792"   "5941626"   "5964518"   "6076938").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/04 18:13
S25	11	("6394623").URPN.	USPAT	NEAR	ON	2005/11/04 18:14
S26	741	S13 and (flexible (circuit board)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:23
S27	530	S13 and (flexible (circuit board)) and S8 and @ad < "20030204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:06
S28	194	S13 and (flexible (circuit board)) and S8 and @ad < "20030204" and (strip or rod or rope)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:36
S29	226	(flexible (circuit board)) and S8 and @ad < "20030204" and (strip or rod or rope)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:38

## EAST Search History

S30	32	S29 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:37
S31	285	S8 and @ad < "20030204" and (strip or rod or rope)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:39
S32	91	S31 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:39
S33	59	S32 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/04 18:39
S34	9	("4298869"   "4591954"   "4774434"   "5062027"   "5211466"   "5272602"   "5700080"   "5865529"   "6158882").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/04 18:43
S35	11	("6371637").URPN.	USPAT	NEAR	ON	2005/11/04 18:44
S36	1	("6406166").PN.	USPAT	OR	OFF	2005/11/05 13:27
S37	4	("4994944"   "5315160"   "5854541"   "5957564").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:27
S38	7	("6406166").URPN.	USPAT	NEAR	ON	2005/11/05 13:27
S39	18	("20020027778"   "20020027780"   "20020071276"   "20030090910"   "5155669"   "5485355"   "5552971"   "5711594"   "5871271"   "5879069"   "5911493"   "6082867"   "6179440"   "6379190"   "6394623"   "6394626"   "6406166"   "6580228").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:29
S40	0	("6846094").URPN.	USPAT	NEAR	ON	2005/11/05 13:30
S41	2	("4812956"   "5934792").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:31
S42	1	("6379190").URPN.	USPAT	NEAR	ON	2005/11/05 13:33
S43	13	"6371637"	USPAT	NEAR	ON	2005/11/05 13:33
S44	1	("6371637").PN.	USPAT	OR	OFF	2005/11/05 13:33
S45	9	("4298869"   "4591954"   "4774434"   "5062027"   "5211466"   "5272602"   "5700080"   "5865529"   "6158882").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:34

## EAST Search History

S46	11	("6371637").URPN.	USPAT	NEAR	ON	2005/11/05 13:36
S47	1	("6874924").PN.	USPAT	OR	OFF	2005/11/05 13:36
S48	58	("4111520"   "4298869"   "4376946"   "4597033"   "4607317"   "4767172"   "4785567"   "4891896"   "4976057"   "4996632"   "5057981"   "5151679"   "5201020"   "5219217"   "5301090"   "5303133"   "5365411"   "5375043"   "5410453"   "5416679"   "5459955"   "5475786"   "5497440"   "5526236"   "5537297"   "5588236"   "5613751"   "5618096"   "5640792"   "5694513"   "5842297"   "5876107"   "5879076"   "5887968"   "5921652"   "5934792"   "5950340"   "5964518"   "5996263"   "6023869"   "6042248"   "6065846"   "6076294"   "6079838"   "6095673"   "6123442"   "6146006"   "6158882"   "6186645"   "6193385"   "6204899"   "6283612"   "6354714"   "6361186"   "6394623"   "6404131"   "6488397"   "6676284").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:52
S49	2	("5890790") or ("6874924").PN.	USPAT	OR	OFF	2005/11/05 13:52
S50	58	("4111520"   "4298869"   "4376946"   "4597033"   "4607317"   "4767172"   "4785567"   "4891896"   "4976057"   "4996632"   "5057981"   "5151679"   "5201020"   "5219217"   "5301090"   "5303133"   "5365411"   "5375043"   "5410453"   "5416679"   "5459955"   "5475786"   "5497440"   "5526236"   "5537297"   "5588236"   "5613751"   "5618096"   "5640792"   "5694513"   "5842297"   "5876107"   "5879076"   "5887968"   "5921652"   "5934792"   "5950340"   "5964518"   "5996263"   "6023869"   "6042248"   "6065846"   "6076294"   "6079838"   "6095673"   "6123442"   "6146006"   "6158882"   "6186645"   "6193385"   "6204899"   "6283612"   "6354714"   "6361186"   "6394623"   "6404131"   "6488397"   "6676284").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 13:55
S51	10	("5607227" or "6874924" or "6406166" or "6371637" or "6796680" or "6851832" or "6846094" or "6676284" or "4908743" or "6871981").pn.	USPAT	NEAR	ON	2005/11/05 14:14
S52	6	("5130909" or "4607317" or "5057981" or "6193385" or "6158882" or "5964518").pn:	USPAT	NEAR	ON	2005/11/05 14:05
S53	16	S51 or S52	USPAT	NEAR	ON	2005/11/05 14:21
S54	3	(flexible circuit board) and S53	USPAT	NEAR	ON	2005/11/05 14:15
S55	13	flexible and S53	USPAT	NEAR	ON	2005/11/05 14:15
S56	1	flex\$6 and "6676284".pn.	USPAT	NEAR	ON	2005/11/05 14:21

## EAST Search History

S57	9	("3949350"   "4267489"   "5128843"   "5420482"   "5559681"   "5570525"   "5613763"   "6211626"   "6361186").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/05 14:24
S58	4	("6676284").URPN.	USPAT	NEAR	ON	2005/11/05 14:26
S59	36028	((polyurethane or silicone or silicone rubber) or (flexible compound)) with flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:32
S60	1129	S59 and ((air bubbles) or (micro balloons))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:28
S61	661	S60 and (lamp or light or (rod-like light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:54
S62	812168	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:22
S63	827	S62 and (flexible circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:04
S64	1	S61 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:23
S65	1981	S62 and (flexible circuit )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:23
S66	2	S61 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:25

## EAST Search History

S67	124	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:25
S68	93	S67 and @ad < "20030403"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:58
S69	1	S59 and (impregnat\$4 ((air bubbles) or (micro balloons)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:51
S70	1	("4195907").PN.	USPAT	OR	OFF	2005/11/07 09:37
S71	8	("2815607"   "3516239"   "3535018"   "3653739"   "3767910").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/07 09:37
S72	34	("4195907").URPN.	USPAT	NEAR	ON	2005/11/07 09:38
S73	1	S59 and ((impregnat\$4 or embed\$\$) ((air bubbles) or (micro balloons)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:23
S74	17	S59 and ((impregnat\$4 or embed\$\$) with ((air bubbles) or (micro balloons)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:57
S75	7	S74 and (lamp or light or (rod-like light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:58
S76	35	S59 and ((impregnat\$4 or embed\$\$) with ((bubbles) or (micro balloons)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:57
S77	19	S76 and (lamp or light or (rod-like light))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:58



## EAST Search History

S78	16	S77 and @ad < "20030403"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 09:58
S79	76	("3822706"   "3877437"   "3910261"   "4155358"   "4220162"   "4234907"   "4248245"   "4293189"   "4485822"   "4560883"   "4693556"   "4754372"   "4761047"   "4777963"   "4822335"   "4831024"   "4907132"   "4911166"   "5005108"   "5069220"   "5069222"   "5074632"   "5136480"   "5140027"   "5140220"   "5169395"   "5196005"   "5219346"   "5231684"   "5259380"   "5278432"   "5293875"   "5301090"   "5339223"   "5363458"   "5383469"   "5400425"   "5426635"   "5445608"   "5454794"   "5500009"   "5505726"   "5536265"   "5549660"   "5591219"   "5613751"   "5616140"   "5618096"   "5634711"   "5695583"   "5698866"   "5728090"   "5762867"   "5792214"   "5800478"   "5800479"   "5824023"   "5824024"   "5830211"   "5835648"   "5849027"   "5857761"   "5865529"   "5876107"   "5876427"   "5892261"   "5908415"   "5913883"   "5919217"   "5921652"   "5944748"   "5957960"   "6045575"   "6063108"   "6096066"   "D279926").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/07 10:06
S80	13	("6290713").URPN.	USPAT	NEAR	ON	2005/11/07 10:13
S81	5	S62 and ((impregnat\$4 or embed\$\$) ((air bubbles) or (micro balloons)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:26
S82	9	S59 and ((impregnat\$4 or embed\$\$) ((air bubbles) or (micro balloons) or void))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:28
S83	1	S61 and ((impregnat\$4 or embed\$\$) ((air bubbles) or (micro balloons) or void))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:29
S84	1	S61 and ((impregnat\$4 or embed\$\$) ((bubbles) or (micro balloons) or void))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:05

## EAST Search History

S85	141	S61 and (void)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:29
S86	0	S61 and ((impregnat\$4 or embed\$\$) void)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:30
S87	8	S59 and ((impregnat\$4 or embed\$\$) void)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:31
S88	643767	((polyurethane or silicone or silicone rubber) or (flexible compound))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:32
S89	1	((polyurethane or silicone or silicone rubber) or (flexible compound)) and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:32
S90	1	S88 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:33
S91	33171	S88 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:34
S92	1	S88 and S62 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 10:34
S93	812168	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:10

## EAST Search History

S94	6187	(flexible circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:04
S95	36028	((polyurethane or silicone or silicone rubber) or (flexible compound)) with flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:05
S96	887	((impregnat\$4 or embed\$\$) ((bubbles) or (micro balloons) or void))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:06
S97	1605	362/555,189,225.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:06
S98	909	S97 and @ad < "20030204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:08
S99	7805	362/217,495,544,545,103-106,108,133,134,152,198,219,222,224,227,240,326,327.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:08
S10 0	3727	S99 and @ad < "20030204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:41
S10 1	0	S98 and S93 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:12
S10 2	4	S98 and S93 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:10

## EAST Search History

S10 3	9314	(point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:43
S10 4	39	S98 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:10
S10 5	394	S98 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:15
S10 6	138	S98 and S93 and flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:31
S10 7	0	S106 not S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:15
S10 8	256	S105 not S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/11 16:04
S10 9	624	S99 and S93 and flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:32
S11 0	470	S100 and S93 and flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:32
S11 1	426	S110 not S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:32

## EAST Search History

S11 2	426	S111 not S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:32
S11 3	46	S112 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:32
S11 4	9080	362/235,236,249,278,310,311,329, 800,806,812.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:41
S11 5	4751	S114 and @ad < "20030204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:12
S11 6	812168	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:42
S11 7	6187	(flexible circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:42
S11 8	36028	((polyurethane or silicone or silicone rubber) or (flexible compound)) with flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:42
S11 9	4751	S114 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:43
S12 0	827	S116 and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:44

## EAST Search History

S12 1	13	S116 and S117 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:43
S12 2	60	S115 and S116 and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 16:44
S12 3	3367	385/123,125.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:29
S12 4	2843	S123 and @ad < "20030204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:12
S12 5	36028	((polyurethane or silicone or silicone rubber) or (flexible compound)) with flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:12
S12 6	812168	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:12
S12 7	6187	(flexible circuit board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:13
S12 8	5	S124 and S125 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:13
S12 9	71	S124 and S126 and flex\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/07 17:13

## EAST Search History

S13 0	2	"771714".ap.	US-PGPUB	NEAR	ON	2006/04/11 15:56
S13 1	36	("20020093832" "4111520" "4195907" "4298869" "4376946" "4422719" "4597033" "4607317" "4767172" "4785567" "4891896" "4908743" "4976057" "4996632" "5057981" "5140220" "5151679" "5201020" "5219217" "5301090" "5303133" "5365411" "5375043" "5410453" "5459955" "5475786" "5497440" "5526236" "5559681" "5613751" "5982969" "6582103" "6676284" "6676284" "6796680" "6846094" "6851832").PN.	US-PGPUB; USPAT	NEAR	ON	2006/04/11 16:20
S13 2	0	"61165583"	JPO; DERWENT	NEAR	ON	2006/09/07 09:29
S13 3	0	JP-61165583-\$.did.	JPO; DERWENT	NEAR	ON	2006/04/11 16:04
S13 4	44	("2815607"   "3516239"   "3535018"   "3653739"   "3767910").PN. OR ("4195907").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 16:54
S13 5	19	(micro (bubbles or balloons)) and (light (guide or pipe or rod or ((fiber ot fibre) optic\$4)))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:20
S13 6	1	("4811507").PN.	USPAT	OR	OFF	2006/04/11 17:04
S13 7	58	("3043947"   "3241256"   "3328570"   "4373282"   "4621306").PN. OR ("4811507").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:05
S13 8	58	("3043947"   "3241256"   "3328570"   "4373282"   "4621306").PN. OR ("4811507").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:34
S13 9	37	(micro (bubbles or balloons)) and (light (guide or pipe or rod or ((fiber ot fibre) optic\$4) or plate or substrate))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:38
S14 0	18	S139 not S135	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:18
S14 1	73	(micro (bubbles or balloons)) and (light (reflect\$5 or defract\$5 or dispers\$5))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:21
S14 2	37	(micro (bubbles or balloons)) and (light (guide or pipe or rod or ((fiber ot fibre) optic\$4) or plate or substrate or panel))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:38
S14 3	0	S142 not S139	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:50
S14 4	7	"6676284"	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:50

# EAST Search History

S14 5	71	( "20030095399"   "20030123245"   "20030198049"   "20040012956"   "20050169002"   "20050231950"   "4111520"   "4141058"   "4298869" "4376946"   "4422719"   "4597033" "4607317"   "4767172"   "4785567" "4891896"   "4976057"   "4996632" "5057981"   "5151679"   "5201020" "5219217"   "5301090"   "5303133" "5365411"   "5375043"   "5410453" "5416679"   "5418384"   "5459955" "5475786"   "5497440"   "5526236" "5537297"   "5588236"   "5613751" "5618096"   "5640792"   "5694513" "5820246"   "5842297"   "5876107" "5879076"   "5887968"   "5913617" "5921652"   "5934792"   "5950340" "5964518"   "5996263"   "6023869" "6042248"   "6076294"   "6079838" "6095673"   "6123442"   "6146006" "6158882"   "6186645"   "6193385" "6204899"   "6283612"   "6354714" "6361186"   "6394623"   "6582103" "6592238"   "6637924"   "6676284" "6948840"   "6953262").PN. OR ("7008097").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:53
S14 6	71	( "20030095399"   "20030123245"   "20030198049"   "20040012956"   "20050169002"   "20050231950"   "4111520"   "4141058"   "4298869" "4376946"   "4422719"   "4597033" "4607317"   "4767172"   "4785567" "4891896"   "4976057"   "4996632" "5057981"   "5151679"   "5201020" "5219217"   "5301090"   "5303133" "5365411"   "5375043"   "5410453" "5416679"   "5418384"   "5459955" "5475786"   "5497440"   "5526236" "5537297"   "5588236"   "5613751" "5618096"   "5640792"   "5694513" "5820246"   "5842297"   "5876107" "5879076"   "5887968"   "5913617" "5921652"   "5934792"   "5950340" "5964518"   "5996263"   "6023869" "6042248"   "6076294"   "6079838" "6095673"   "6123442"   "6146006" "6158882"   "6186645"   "6193385" "6204899"   "6283612"   "6354714" "6361186"   "6394623"   "6582103" "6592238"   "6637924"   "6676284" "6948840"   "6953262").PN. OR ("7008097").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 17:53
S14 7	14	( "3949350"   "4267489"   "5128843" "5420482"   "5559681"   "5570525" "5613763"   "6211626"   "6361186").PN. OR ("6676284"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:09



## EAST Search History

S14 9	53	((light transmit\$4) or transparent or clear) rod) with flexib\$5	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:01
S15 0	84	((light transmit\$4) or transparent or clear) (rod or bar)) with flexib\$5	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:02
S15 1	24	S150 and ((light source) or diod\$4 or bulb or lamp)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:03
S15 2	7	("4271458"   "5113329"   "6158882"   "6361186"   "6604841"   "6652112").PN. OR ("6840655"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:05
S15 3	1	("6592238").PN.	USPAT	OR	OFF	2006/04/11 18:09
S15 4	59	("4111520"   "4298869"   "4376946"   "4597033"   "4607317"   "4767172"   "4785567"   "4891896"   "4976057"   "4996632"   "5057981"   "5151679"   "5201020"   "5219217"   "5301090"   "5303133"   "5365411"   "5375043"   "5410453"   "5416679"   "5459955"   "5475786"   "5497440"   "5526236"   "5537297"   "5588236"   "5613751"   "5618096"   "5640792"   "5694513"   "5842297"   "5876107"   "5879076"   "5887968"   "5921652"   "5934792"   "5950340"   "5964518"   "5996263"   "6023869"   "6042248"   "6076294"   "6079838"   "6095673"   "6123442"   "6146006"   "6158882"   "6186645"   "6193385"   "6204899"   "6283612"   "6354714"   "6361186"   "6394623").PN. OR ("6592238"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:10
S15 5	55	("2703398"   "3275818"   "3411131"   "3428941"   "3551723"   "3684882"   "3755663"   "3994049"   "3995152"   "4012671"   "4107767"   "4173035"   "4177503"   "4195330"   "4263640"   "4271458"   "4365232"   "4376966"   "4471412").PN. OR ("4597033"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/11 18:19
S15 6	1	("6673292").PN.	USPAT	OR	OFF	2006/04/12 11:13

## EAST Search History

S15 7	43	("3463913"   "3996556"   "4173035"   "4347499"   "4376966"   "4396972"   "4439818"   "4471412"   "4581687"   "4597033"   "4761720"   "4774434"   "4860182"   "4954931"   "4999755"   "5032960"   "5059373"   "5107408"   "5130909"   "5155669"   "5162696"   "5193895"   "5222799"   "5321593"   "5335151"   "5336345"   "5337225"   "5371657"   "5390090"   "5404282"   "5414293"   "5414603"   "5418384"   "5450301"   "5490049"   "5496427"   "5519596"   "5559681"   "5848837"   "5851455"   "5927845"   "5986581").PN. OR ("6673292"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 10:37
S15 8	1	("4597033").PN.	USPAT	OR	OFF	2006/04/12 10:51
S15 9	55	("2703398"   "3275818"   "3411131"   "3428941"   "3551723"   "3684882"   "3755663"   "3994049"   "3995152"   "4012671"   "4107767"   "4173035"   "4177503"   "4195330"   "4263640"   "4271458"   "4365232"   "4376966"   "4471412").PN. OR ("4597033"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 10:51
S16 0	50	("3136676"   "3161797"   "3305745"   "3350553"   "3375131"   "3395058"   "3456043"   "3547516"   "4439818"   "4597033"   "4761720"   "4774434"   "4774642"   "4916008"   "4954931"   "4956031"   "4975814"   "4999755"   "5032960"   "5059373"   "5107408"   "5130909"   "5155669"   "5162696"   "5193895"   "5222799"   "5321593"   "5336345"   "5337225"   "5371657"   "5375044"   "5404282"   "5450301"   "5490049"   "5496427"   "5519596"   "5559681"   "5661374"   "5848837"   "5851455"   "5927845"   "5986581").PN. OR ("6673293"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 10:54
S16 1	1	("6676284").PN.	USPAT	OR	OFF	2006/04/12 11:13
S16 2	14	("3949350"   "4267489"   "5128843"   "5420482"   "5559681"   "5570525"   "5613763"   "6211626"   "6361186").PN. OR ("6676284"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:08
S16 3	569	rod with flexible with (((light (conduct\$4 or transmitting))) or transparent or clear)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:10
S16 4	2898	(rod or bar or panel) with flexible with (((light (conduct\$4 or transmitting))) or transparent or clear)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:11

## EAST Search History

S16 5	0	S164 same (micro (baloons or bubbles))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:13
S16 6	0	S164 same (micro (balloons or bubbles))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:14
S16 8	202	S164 and (circuit board)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:15
S16 9	93	S164 and (circuit board) and reflect\$4	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/04/12 12:15
S17 0	837647	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/12 12:16
S17 1	42	S169 and S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/12 12:50
S17 2	0	("2005/003632").URPN.	USPAT	NEAR	ON	2006/04/12 12:17
S17 3	0	("2005/003632").URPN.	USPAT	NEAR	ON	2006/04/12 12:17
S17 4	77	("20020093832" "4111520" "4195907" "4298869" "4376946" "4422719" "4597033" "4607317" "4767172" "4785567" "4891896" "4908743" "4976057" "4996632" "5057981" "5140220" "5151679" "5201020" "5219217" "5301090" "5303133" "5365411" "5375043" "5410453" "5459955" "5475786" "5497440" "5526236" "5559681" "5613751" "5982969" "6582103" "6676284" "6676284" "6796680" "6846094" "6851832").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/12 12:50
S17 5	36	("20020093832" "4111520" "4195907" "4298869" "4376946" "4422719" "4597033" "4607317" "4767172" "4785567" "4891896" "4908743" "4976057" "4996632" "5057981" "5140220" "5151679" "5201020" "5219217" "5301090" "5303133" "5365411" "5375043" "5410453" "5459955" "5475786" "5497440" "5526236" "5559681" "5613751" "5982969" "6582103" "6676284" "6676284" "6796680" "6846094" "6851832").PN.	US-PGPUB; USPAT	NEAR	ON	2006/04/12 12:50

## EAST Search History

S17 6	545	362/555.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/12 13:55
S17 7	10	362/189,225,555.ccls. and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:17
S17 8	44	362/217,495,544,545,103-106,108, 331,134,152,198,219,222,224,227, 240,326,327,235,236,246,478,310, 329,800,812,806.ccls. and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/04/12 14:10
S17 9	0	"61165583"	JPO; DERWENT	NEAR	ON	2006/09/07 09:29
S18 0	391217	"138" not "137"	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:35
S18 1	1139	"s138" not "s137"	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:35
S18 2	21	("4330813"   "4630180"   "4691268"   "4811507"   "4814667"   "4847734").PN. OR ("4901207"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:36
S18 3	47	(micro (bubbles or balloons)) and (light (guide or pipe or rod or ((fiber ot fibre) optic\$4) or plate or substrate))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:41
S18 4	84	((light transmit\$4) or transparent or clear) (rod or bar)) with flexib\$5	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 09:44

## EAST Search History

S18 5	71	( "20030095399"   "20030123245"   "20030198049"   "20040012956"   "20050169002"   "20050231950"   "4111520"   "4141058"   "4298869" "4376946"   "4422719"   "4597033" "4607317"   "4767172"   "4785567" "4891896"   "4976057"   "4996632" "5057981"   "5151679"   "5201020" "5219217"   "5301090"   "5303133" "5365411"   "5375043"   "5410453" "5416679"   "5418384"   "5459955" "5475786"   "5497440"   "5526236" "5537297"   "5588236"   "5613751" "5618096"   "5640792"   "5694513" "5820246"   "5842297"   "5876107" "5879076"   "5887968"   "5913617" "5921652"   "5934792"   "5950340" "5964518"   "5996263"   "6023869" "6042248"   "6076294"   "6079838" "6095673"   "6123442"   "6146006" "6158882"   "6186645"   "6193385" "6204899"   "6283612"   "6354714" "6361186"   "6394623"   "6582103" "6592238"   "6637924"   "6676284" "6948840"   "6953262").PN. OR ("7008097").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:07
S18 6	71	( "20030095399"   "20030123245"   "20030198049"   "20040012956"   "20050169002"   "20050231950"   "4111520"   "4141058"   "4298869" "4376946"   "4422719"   "4597033" "4607317"   "4767172"   "4785567" "4891896"   "4976057"   "4996632" "5057981"   "5151679"   "5201020" "5219217"   "5301090"   "5303133" "5365411"   "5375043"   "5410453" "5416679"   "5418384"   "5459955" "5475786"   "5497440"   "5526236" "5537297"   "5588236"   "5613751" "5618096"   "5640792"   "5694513" "5820246"   "5842297"   "5876107" "5879076"   "5887968"   "5913617" "5921652"   "5934792"   "5950340" "5964518"   "5996263"   "6023869" "6042248"   "6076294"   "6079838" "6095673"   "6123442"   "6146006" "6158882"   "6186645"   "6193385" "6204899"   "6283612"   "6354714" "6361186"   "6394623"   "6582103" "6592238"   "6637924"   "6676284" "6948840"   "6953262").PN. OR ("7008097").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:07
S18 7	0	S186 not S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:07

## EAST Search History

S18 8	10	((light transmit\$4) rod) with flexib\$5	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:08
S18 9	84	((light transmit\$4) or transparent or clear) (rod or bar)) with flexib\$5	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:09
S19 0	2982	(rod or bar or panel) with flexible with (((light (conduct\$4 or transmitting))) or transparent or clear)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:19
S19 1	35	S190 same (balloons or bubbles)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:14
S19 2	599	362/555.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:16
S19 3	1777	362/189,225,555.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:17
S19 4	1777	S192 or S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:17
S19 5	409593	(light source) or (light emitting diod\$4) or (light bulb)	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:23
S19 6	2902	(rod or bar) with (light ((conduct\$4 or transmitting) or transparent or clear))	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:25
S19 7	2053	S195 and S196	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:22
S19 8	36	S197 and S194	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/07 10:22
S19 9	729322	(light source) or (light emitting diod\$4) or (light bulb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:23

## EAST Search History

S20 0	3797	(rod or bar) with (light ((conduct\$4 or transmitting) or transparent or clear))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:25
S20 1	2354	S199 and S200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:25
S20 2	36	S199 and S200 and S194	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/07 10:27
S20 3	48	("1348698" "20020093832" "411152 0" "4195907" "4298869" "4376946" " 4422719" "4597033" "4607317" "476 7172" "4785567" "4811507" "489189 6" "4908743" "4976057" "4996632" " 4630180" "4941072" "5057981" "514 0220" "5151679" "5201020" "521921 7" "5301090" "5303133" "5365411" " 5375043" "5410453" "5459955" "547 5786" "5497440" "5526236" "555968 1" "5613751" "5661374" "5982969" " 5032960" "5161872" "5295047" "560 7227" "6582103" "6673292" "667329 3" "6676284" "6676284" "6796680" " 6846094" "6851832" "6481130"). PN.	US-PGPUB; USPAT	NEAR	ON	2006/09/07 10:47
S20 4	8	(("6481130") or ("5607227") or ("5295047") or ("5161872") or ("5032960") or ("4941072") or ("4630180") or ("1348698")).PN.	USPAT	OR	OFF	2006/09/07 12:09
S21 3	0	JP-00165583-\$.did.	JPO; DERWENT	NEAR	ON	2006/09/07 12:13
S21 4	1	("6676284").PN.	USPAT; USOCR	OR	OFF	2007/02/04 16:20
S21 5	13612	362/151,152,153,153.1,217,227, 240,244-246,249,278,310,311,326, 329,545,558,800,806,812,555.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:28

## EAST Search History

S21 6	3874	(rod or bar) with (light ((conduct\$4 or transmitting) or transparent or clear))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/04 16:24
S21 7	151	S215 and S216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/04 16:25
S21 8	892591	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/04 16:25
S21 9	99	S215 and S216 and S218	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/04 16:25
S22 0	53	S215 and S216 and flexible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/04 16:25
S22 1	928221	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 22:38
S22 2	1219	flexible with (rod or bar or (rod like)) with (clear or transparent or translucent or (light transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:30
S22 3	152	S221 and S222	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 22:44
S22 4	5233	(flexible with (circuit board)) and S221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 23:20



## EAST Search History

S22 5	8	S222 and S224	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/08 23:24
S22 6	0	("1348698"20020093832"4111520"4195907"4298869"4376946"4422719"4597033"4607317"4767172"4785567"4811507"4847734"4891896"4901207"4908743"4976057"4996632"4630180"4941072"5057981"5140220"5151679"5187377"5201020"5219217"5301090"5303133"5365411"5375043"5410453"5459955"5475786"5497440"5526236"5559681"5613751"5661374"5812714"5982969"5032960"5161872"5295047"5607227"6168302"6173517"6217201"6244734"6260991"6582103"6673292"6673293"6676284"6676284"6796680"6846094"6851832"6860628"6481130").PN.).PN.	USPAT	OR	OFF	2007/08/08 23:24
S22 7	57	("1348698"20020093832"4111520"4195907"4298869"4376946"4422719"4597033"4607317"4767172"4785567"4811507"4847734"4891896"4901207"4908743"4976057"4996632"4630180"4941072"5057981"5140220"5151679"5187377"5201020"5219217"5301090"5303133"5365411"5375043"5410453"5459955"5475786"5497440"5526236"5559681"5613751"5661374"5812714"5982969"5032960"5161872"5295047"5607227"6168302"6173517"6217201"6244734"6260991"6582103"6673292"6673293"6676284"6676284"6796680"6846094"6851832"6860628"6481130").PN.).PN.	USPAT	NEAR	ON	2007/08/08 23:27

## EAST Search History

S22 8	57	("1348698" "20020093832" "4111520" "4195907" "4298869" "4376946" "4422719" "4597033" "4607317" "4767172" "4785567" "4811507" "4847734" "4891896" "4901207" "4908743" "4976057" "4996632" "4630180" "4941072" "5057981" "5140220" "5151679" "5187377" "5201020" "5219217" "5301090" "5303133" "5365411" "5375043" "5410453" "5459955" "5475786" "5497440" "5526236" "5559681" "5613751" "5661374" "5812714" "5982969" "5032960" "5161872" "5295047" "5607227" "6168302" "6173517" "6217201" "6244734" "6260991" "6582103" "6673292" "6673293" "6676284" "6676284" "6796680" "6846094" "6851832" "6860628" "6481130"). PN.	USPAT	NEAR	ON	2007/08/09 11:02
S22 9	27	S228 and flexible	USPAT	NEAR	ON	2007/08/09 10:07
S23 0	2	("6676284").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 13:15
S23 1	6	("5812714" "6168302" "6173517" "6217201" "6244734" "6260991").PN.	USPAT	NEAR	ON	2007/08/09 13:15
S23 2	14071	362/151,152,153,153.1,217,227,240,244-246,249,278,310,311,326,329,545,558,800,806,812,555.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:28
S23 3	3926	385/123,125.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:29
S23 4	17988	S232 or S233	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:29
S23 5	928829	((light emit\$5 diod\$4) or "LED") or (point light source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:30

## EAST Search History

S23 6	1221	flexible with (rod or bar or (rod like)) with (clear or transparent or translucent or (light transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:31
S23 7	20	S234 and S235 and S236	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/08/09 13:31